A REPORT

ON THE

EPIDEMIC OF BUBONIC PLAGUE

IN

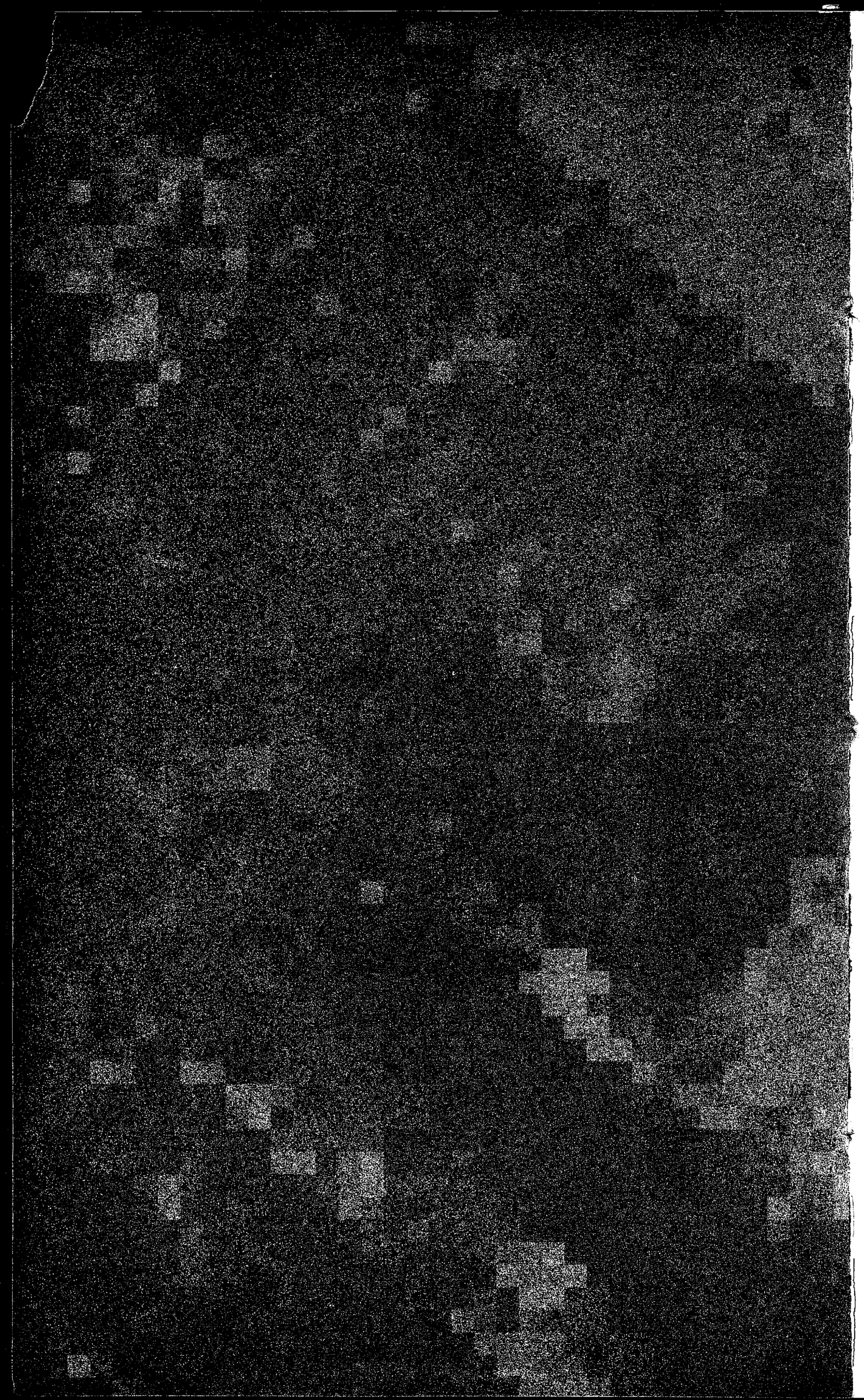
HONGKONG

IN THE YEAR 1900.

HONGKONG:

PRINTED BY NORONHA & Co., GOVERNMENT PRINTERS.

1900.



A REPORT

ON THE

EPIDEMIC OF BUBONIC PLAGUE

IN

HONGKONG

IN THE YEAR 1900.

HONGKONG:

PRINTED BY NORONHA & Co., GOVERNMENT PRINTERS.

1900.

(E1G7H)

No. 35/1900

HONGKONG.

REPORT OF THE MEDICAL OFFICER OF HEALTH ON THE EPIDEMIC OF BUBONIC FEVER (PLAGUE) DURING THE YEAR 1900.

Laid before the Legislative Council by Command of His Excellency the Governor.

SANITARY BOARD OFFICES,
HONGKONG, *October 31st, 1900.*

To the President
OF THE SANITARY BOARD.

SIR,—I have the honour to submit, for the information of His Excellency the Governor, the following Report upon the epidemic of Bubonic Fever (Plague) which has occurred during the current year.

The total number of cases reported to date has been 1,082 of which 28 were among non-Chinese, and the total number of deaths recorded has been 1,034, 15 being non-Chinese. This gives the very high general case-mortality of 95·5 per cent., and a Chinese case-mortality of 96·6 per cent.

The following table gives the total cases, total deaths, and case-mortality for each of the five epidemic years :—

	1894.	1896.	1898.	1899.	1900.
Cases	2,679	1,204	1,320	1,486	1,082
Deaths	2,485	1,078	1,175	1,428	1,034
Percentage Mortality	92·7	89.5	89.0	96.1	95.5

The non-Chinese cases comprised 6 Europeans, 5 Portuguese, 9 Indians, 7 Japanese and 1 Filipino, and of these 1 European, 4 Portuguese, 7 Indians and 3 Japanese died, giving a non-Chinese mortality of 53.6 per cent.

The European who died was a Britisher employed at the Naval Yard and he had only arrived in the Colony from England some six weeks previously. It has been observed before, in this Colony, that new arrivals from temperate climates are far more liable to contract the disease, and to succumb, than are residents of some standing. Two of the European cases were imported by the s. s. *Coromandel*, a P. and O. mail steamer running between Bombay, Hongkong and Shanghai. The *Coromandel* lay alongside the wharf at Bombay from April 1st to the 10th loading general cargo, including a quantity of grain (Rice) ; she left on the latter date for China arriving in Hongkong on April 28th, and leaving for Shanghai the same day. The vessel lay at Shanghai for about three weeks, leaving there on May 21st, and on the following day two Europeans—one a steward and the other a waiter—occupying the same cabin, developed high fever and were landed in Hongkong on May 25th suffering from well marked symptoms of Bubonic Fever. On the day that these two men were first taken ill two dead rats were found in a storeroom close to the cabin occupied by them, and on the 25th two more dead rats were found in the infected cabin, both of which had been dead for some days. This cabin was close to the hold in which the grain was stored, and it is supposed that the grain was infected, that the rats contracted the disease from the grain and that the two men were infected by the rats which died in their cabin. The whole of the grain was accordingly destroyed and the ship thoroughly fumigated and disinfected, and all rats that could be found on board were killed and their carcases burnt.

On May 27th a native fireman was landed from this steamer, also suffering from Bubonic Fever ; the two European cases recovered, but the Indian died of the disease. No cases of Bubonic Fever were known to have occurred in Shanghai up to the date of the steamer leaving that port.

Of the remaining European cases one was a Greek sailor living at the Sailors' Home, one a French lad living in the Chinese quarter (No. 2 Health District) and one was an N. C. O. in the Royal Artillery.

Taking the 1,054 Chinese cases, there were 720 males and 334 females ; this is equal to a percentage of 31·7 of female cases, as compared with 35.8 per cent. in 1898. The proportion of females in the Chinese population is 29·9 per cent.

This lessened liability on the part of the women to contract the disease must be due to one or other of the following causes: either the proportion of women in the population has become lessened since the last Census was taken in 1897, or else the improvement in the sanitary condition of the homes of the poorer classes is beginning to show good results. Probably both causes have been operative, and the Census to be taken in January next will indicate how far the former cause is to be credited with this result.

The total number of cases among Chinese children, under fifteen years of age, has been 273 or 25·9 per cent. as compared with 24·1 per cent. in 1898. As the proportion of children under this age, among the Chinese population of the Colony, is only 18 per cent. it is apparent that children are more liable to contract the disease than are adults.

The number of deaths among Chinese children under this age was 264, which gives a case-mortality of 96·7 per cent., which is practically the same general case-mortality as among the Chinese of all ages.

The disease has prevailed throughout the year, the longest interval without a reported case being three weeks in the month of March, and the bulk of the cases has occurred, as in former years, during the second quarter—thus from January to March there were 20 cases with 19 deaths; from April to June 745 cases and 683 deaths; and from July to September 304 cases and 309 deaths, the excess of deaths over cases in this quarter being due to the fact that some of the 152 cases reported during the last fortnight of the second quarter did not die until the first week of the third quarter. During the month of October there have been 13 cases and 13 deaths.

No less than 412 of the cases have been dead bodies found in the streets or floating in the Harbour. This is equal to 37·1 per cent. of the total cases, as compared with 40 per cent. during 1899 and 36 per cent. during 1898. These bodies are thrown out at night by the other occupants of the infected houses, with a view to avoiding the disinfection of the premises, and it would appear to be impossible to put a stop to the practice without an enormous increase in the European Police force of the Colony. It is this practice by the Chinese that has necessitated such frequent house to house visitations by the officers of the Sanitary Board, and until the better class Chinese can bring such pressure to bear upon their poorer neighbours as will result in a cessation of this method of disposing of their dead, and concealing the address of the infected premises, I fear that house to house visitation, with its attendant discomforts to the more respectable Chinese residents, must be pressed, or the alternative of a wholesale vacation of the houses in infected districts be put in force. This latter remedy is universally admitted to be the most effective one for dealing with Bubonic Fever, but unfortunately its consequences to the property owner are most disastrous, as it naturally results in a loss of all rental for a period of some three or four months, and it is therefore as much to the interests of the property owner as to the Colony at large that all cases of this disease should be at once identified and isolated.

For convenience of reference I have appended to this Report a list of all the places in which dead bodies have been found, during the past year, and from this it will be seen that a considerable number have been persons who have found their way to the Canton Wharf with a view to taking passage to Chinese territory but have succumbed to the disease on reaching the wharf.

A very large number of bodies are found floating in the Harbour and these are not necessarily derived only from the floating population.

In the villages such as Yaumati, Mongkoktsui, etc., the facilities for putting dead bodies into the street are no doubt greater than in the City, and in consequence a considerable number of unclaimed bodies are thus thrown out.

The list will no doubt be suggestive to the Police as indicating the localities in which special vigilance is needed to stop this objectionable means of disposing of the dead, and at the same time of suppressing all information as to the actual address of the infected premises.

Should this continue, in spite of police vigilance, I see no other remedy than for the Board to decide to cremate all unclaimed dead bodies found in the streets, the Harbour, etc.

During the year more than 43,000 dead rats have been collected and removed from the City to the Rubbish Depôt, where they have been burnt with the City refuse, and in the appendix will be found a chart showing a comparison between the number of Bubonic Fever cases recorded and the general rat mortality from week to week. I have purposely described the chart in these terms, as on enquiry I am satisfied that comparatively few rats have been killed by the Chinese for the sake of the two cents reward, offered by the Government, and that practically the payment has been made, in all cases, to the scavenging coolies who have merely collected dead rats thrown out by the householders into the backlanes and alleys or placed in the rubbish boxes, or that have died in the streets. The returns show that the average rat mortality, above ground, of the City is from 400 to 500 per week, but that during an epidemic of Bubonic Fever, as many as 2,000 or more dead rats are to be discovered; the removal of these from the City is undoubtedly beneficial, as removing one important source of infection, both to human beings and to healthy rats. It will be seen from the diagram that the augmented rat mortality begins earlier and lasts longer than the epidemic among human beings and the Government have, on the recommendation of the Sanitary Board, decided to continue the payment for rats, although the epidemic has now ceased, so that any increase in the number collected may give early intimation of any recrudescence of the disease. It is also interesting to record that although over 400 Chinese coolies have been employed regularly in the scavenging and cleansing of the City and in the disinfection of infected premises, and that practically the whole of the 42,000 dead rats must have been handled by these men, yet only three cases of Bubonic Fever are known to have occurred among them during the year.

An interesting case of infection by the bite of a sick rat occurred during the year. A man employed as a turn-cock and living in No. 2 Health District, was bitten on the left thumb and some two or three days later the arm became swollen and painful ; the case was not reported and the man died in his home some nine or ten days after he had been bitten. On post-mortem examination two small wounds were found on the ball of the left thumb, the left hand and forearm were much swollen, and in the left axilla there was a brawny, œdematous swelling, in the midst of which was an enlarged, hæmorrhagic gland ; a smear preparation from this gland showed numerous typical plague bacilli.

Another clear case of infection by inoculation was an Indian lad 3½ years of age whom I was asked to see by an Army Medical Officer. I found an abrasion of the left knee which had been caused by a fall in the street while at play some two days previously ; the abrasion was covered by a dry scab and surrounded by an inflammatory areola ; the femoral glands in the left groin were enlarged and painful, and there were the other characteristic symptoms of the disease.

Several instances have occurred of coolies actually engaged in loading junks, etc., and falling into the water and being drowned, who on post-mortem and bacteriological examination showed marked evidences of Bubonic Fever, and in one case a man working in a sugar refinery was struck by a beam upon the chest and fell down dead, and on post-mortem examination was found to present all the evidences of advanced plague infection. I may add, however, that no subsequent case occurred in the house in which this man slept, or among the *fokis* with whom he worked. These are no doubt instances of the ambulatory type of the disease, and death probably resulted from Syncope, the effect of the shock upon a heart already weakened by the Fever. It is such cases that render it so difficult to stay the progress of an epidemic, as they must be, more or less, a source of infection to the people with whom they are brought in contact.

The chart of "Bubonic Fever and mean atmospheric temperature" shows that, as in former years, the epidemic abates in this Colony as soon as the mean atmospheric temperature rises above 80°F. During this year the temperature after rising to 82·6°, fell for four weeks to below 80°, and in consequence there was a slight recrudescence of the epidemic, the number of cases rising from 63 in the twenty-fifth week to 99 in the twenty-sixth week, but the number fell again to 65 in the following week, and from that time, with a mean temperature varying from 80° to 84°, the epidemic rapidly declined.

It is difficult, however, to explain why the disease does not recrudesce when the temperature again falls below 80° in the early autumn, but there are no doubt many other factors at work in the causation of an epidemic, than mere atmospheric temperature.

The chart "Bubonic Fever and Rainfall" shows that the rainfall has some influence upon the progress of the disease—thus in the twentieth week a heavy fall of rain is followed by a slight reduction in the number of cases, in the twenty-fourth week a very heavy rainfall is followed by another slight reduction, and in the twenty-sixth week a further big rainfall is followed by the final decline of the epidemic.

Early in the year the Government procured a considerable quantity of Haffkine's prophylactic serum, but unfortunately it has not been found possible to persuade many of the Chinese to accept protection in this form.

In the Appendix will be found a detailed account of 493 cases occurring in the City of Victoria, with known addresses, and it will be seen that, as in former years, Health Districts 2 and 9 have suffered the most severely.

Health District.	1	2	3	4	5	6	7	8	9	10
No. of Cases	44	131	0	67	63	30	24	19	98	17

During the progress of the epidemic a memorandum was issued by the Sanitary Board, for general information, detailing the method adopted for dealing with the outbreak ; the following is a copy of this memorandum :—

METHOD OF DEALING WITH OUTBREAKS OF BUBONIC FEVER (PLAGUE).

1. *Notification.*—All cases of infectious disease should be reported at once to the nearest Police Station or to the Sanitary Board (Telephone No. 257), or to the Medical Officer of Health (Telephone No. 120). This is compulsory on "all persons knowing or having reason to believe that any person has been attacked by or is suffering from" Bubonic Plague, Cholera or Small-pox (Bye-law 17, Ordinance 15 of 1894) ; but it is universally evaded by the Chinese and even by the Chinese "Doctors." The penalty for its evasion is $25.

2. *Detection of the Sick.*—In the absence of notification this can only be effected by means of house to house visits. The Sanitary Board has power to institute such house to house visits in any district in which the disease may prevail and must define the limits of such district (Bye-law 25, Ordinance 15 of 1894).

The City of Victoria has been declared infected and European officers of the Board assisted by Chinese constables are at present engaged in house to house visiting, while a Chinese doctor trained in Western medicine is making similar visits. Their hours of duty are from 5-8 a.m. and 2-5 p.m., and a copy of the instructions which have been issued to these officers is attached. The villages on the Kowloon Peninsula have also been declared infected and European officers with Chinese constables are engaged in house to house visits in Yaumati, Mongkoktsui, Taikoktsui, and Hunghom.

3. *Removal of the Sick.*—Ambulances for the removal of the sick are kept at the various Police Stations, at the Canton Wharf, at the (native) Tung Wah Hospital and at the Board's matsheds at Praya East, Taipingshan, Yaumati and Hunghom, and sick persons are removed in these ambulances to the Tung Wah Hospital on application to the Sanitary Board, the Medical Officer of Health, or the Police, and are there examined by a Chinese Doctor trained in Western medicine and are either drafted at once by him to the Plague Hospital or detained under observation in case of doubt. In making any such application care should be taken to state distinctly whether the patient is alive or dead, for in the case of dead bodies, a dead-box is forwarded for the removal. The ambulance is attended by a Chinese constable who conveys the details concerning the case to the Hospital Authorities.

Heavy wooden boxes, with rubber washers fitted to the lids are used for the removal of dead bodies to the Government Mortuary; these are kept at the various Police Stations and at the Board's matsheds and information concerning the death is forwarded on a card attached to the body.

4. *Treatment of the Sick.*—This is entirely in the hands of the Medical Department. The Government Hospital at Kennedy Town is supplemented by a series of Matshed Hospitals, also at Kennedy Town, which are managed by the authorities of the Tung Wah Hospital but are under the supervision of the Medical Department.

5. *Disinfection of infected premises.*—This is carried out by a European officer assisted by coloured foremen, a Chinese foreman and a varying number of coolies. As soon as it is known that a case of the disease has occurred at any house, a Chinese constable is sent from the nearest Police Station to detain all persons found therein (Bye-law 22, Ordinance 15 of 1894), and the officer in charge of the disinfection proceeds to the house to ascertain how many persons are detained there. He then procures, either from the matshed at Praya East or from the Disinfecting Station, as many suits of Government clothing as are needed for the persons so detained, and having thus provided these persons with clothing he removes their own clothing, bedding, curtains, and carpets, to the Steam Disinfecting Station, the clothing being tied up in sheets dipped in a solution of Jeyes' fluid and conveyed through the streets in closed baskets; persons who are able to obtain new or clean clothing from some uninfected premises are however not detained after they have discarded their infected clothing and handed it to the Inspector for disinfection. New goods, silk clothing which has not been recently worn, furs and leather goods are not removed to the Steam Disinfector, but must as a general rule remain on the premises until they have been fumigated. When the clothing, etc. is returned (in the course of some two hours) from the Disinfecting Station, the persons who have been detained are required to put on their own clothing and must then leave the premises for some 5 or 6 hours while it is disinfected and cleansed. The Government clothing is returned to the Disinfecting Station to be steamed before it is again used. The people so displaced from their homes are at liberty to make use of the Board's matshed shelters until the processes of disinfection of the premises are complete.

The disinfection of the premises consists in the spraying of the walls with a solution of perchloride of mercury (1 in 1,000) or fumigation with free chlorine obtained by the addition of diluted sulphuric acid to chlorinated lime (1 quart of a 1 in 8 solution of the acid to each lb of the chlorinated lime). Floors and furniture are then scrubbed with solution of Jeyes' fluid and the walls are then lime-washed, chlorinated lime being added to the lime-wash in the proportion of ½ lb. to the gallon.

6. *Burial of the dead.*—This is carried out under the superintendence of one of the Board's Officers, all bodies being buried at the Kennedytown Plague Cemetery, unless a special permit has been granted for burial elsewhere.

7. *General sanitary precautions.*—Chlorinated lime is supplied to all the public latrines for use in the buckets, and the officers of the Board are instructed to see that it is freely used.

A reward of 2 cents per head has been offered since January 16th for every rat brought to an officer of the Board.

Instructions for the Guidance of Officers of the Sanitary Board engaged in House to House Visiting under Bye-law 25 (Ordinance 15 of 1894).

I. Officers shall work in couples, so that while one of them enters a house to search for sick persons or dead bodies, the other may remain in the street to prevent the conveyance of the sick from the neighbourhood or from an unvisited house to one that has been already visited.

II. Visits should be, as far as possible, of the nature of surprise visits and hence a fixed route should be avoided.

III. Discretion must be exercised in entering premises occupied by women and a reasonable time allowed them to make any necessary changes of toilet.

In no case should domestic premises be entered without knoicking or asking permission to enter.

IV. Any sick person suspected to be suffering from Bubonic Fever is to be removed in an ambulance to the Tung Wah Hospital, the ambulance being accompanied by a Chinese constable who shall convey to the Hospital authorities the particulars concerning the address of the patient, etc.

V. Dead bodies are to be sent to the Government Mortuary in dead-boxes, and particulars are to be sent on a card attached to the body.

I have the honour to be,
Sir,
Your most obedient Servant,

FRANCIS W. CLARK, M.D., D.P.H.,
Medical Officer of Health.

LIST OF DEAD BODIES FOUND IN THE STREETS, THE HARBOUR, &c.

Name of Streets, etc.	*No. of bodies found.*
Aberdeen Street	3
Albany Street	1
Arbuthnot Road	1
Battery Path	1
Belcher Street	3
Bonham Road	2
Bonham Strand	2
Bowen Road	2
Caine Road	1
Canton Wharf	12
Causeway Bay	5
Central Market	1
Centre Street	5
Cheuk Hing Lane	1
Coffee Plantation	4
Cross Street	1
Des Vœux Road, West	7
Eastern Street	3
Elgin Street	2
Fuk Hing Lane	1
Gage Street	1
Gutzlaff Street	2
Heard Street	1
High Street	4
Hillier Street	2
Hillside, Lapsapwan	1
„ Wanchai	2
„ Glenealy	1
„ Lo Pan Temple	1
Hollywood Road	6
Irving Street	4
Jardine's Bazaar	5
Kennedy Road	5
Ladder Street	2
Leighton Hill Road	1
Li Sing Street	2
Morrison Hill	5
Mortuary Road	2
Mt. Caroline	1
New Street	3
Pak Tsz Lane	1
Pokfulum Road	3
Possession Street	2
Po Yan Street	5
Praya Reclamation Central	15
Praya East	7
Praya West	13
Queen's Road Central	3
Queen's Road East	12
Queen's Road West	3
Robinson Road	1
Carried forward	174

Name of Streets, etc.	*No. of bodies found.*
Brought forward	174
Roman Catholic Cemetry	1
Sai Ying Poon Market	1
Shaukiwan Road	9
Shing Wong Street	3
Ship Street	1
St. Francis St.	1
Stanley Street	1
Staunton Street	1
Stavely Street	1
Stone Nullah Lane	2
Swatow Lane	1
Square Street	2
Taipingshan Street	3
Third Street	2
Torseen Street	2
Tsui Hing Lane	1
Tsui Lung Lane	1
Victoria Street	1
Wanchai Road	1
Wellington Street	1
Wing Fung Street	3
Wing Fung Lane	2
West Street	1
Western Street	2
Wyndham Street	1
Wongneichung Road	3
Yat Fu Street	1
Yee Wo Street	9
The Peak	2
Barker Road	1
The Harbour	79
Yaumati	43
Kowloon Point	14
Blackhead's Point	2
Stonecutter's Foreshore	3
Mongkoktsui	14
Taikoktsui	7
Kowloon City	2
Shatin Road	1
Cheung Chau, N. Territory	1
Tung Chung, N. Territory	1
Hunghom	14
Hok Un	5
Total	412

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	47	M.	12, Irving Street,	40	13	29
„	7	F.	12, „	40	13	29
„	45	M.	24, „	40	13	29
„	30	„	27, „	45	13	29
„	27	F.	40, „	41	13	29
„	33	M.	42, „	40	13	29
„	8	„	21, Jardine's Bazaar,	46	16	30
„	30	„	29, „	45	16	21
„	30	F.	36, „	38	17	26
„	28	M.	42, „	38	9	26
„	34	„	64, „	38	17	28
Indian,	16	F.	2, Keswick Street,	45	13	30
Chinese,	24	M.	10, „	45	13	30
„	18	„	13, „	45	13	30
„	34	„	13, „	45	13	30
„	15	„	23, „	45	12	30
„	13	„	23, „	45	12	30
„	30	„	23, „	45	12	30
„	12	F.	13, Morrison Hill Road,	54	15	42
„	23	M.	102, Praya East,	56	13	41
„	36	„	104, „	56	13	46
„	10	F.	17, Ui Lung Lane,	32	13	9
„	6	„	53, Wanchai Road,	48	12	36
„	18	M.	57, „	44	25	18
„	74	„	73, „	45	13	36
„	19	„	79, „	38	13	35
„	60	F.	99, „	47	13	39
„	16	„	103, „	23	11	39
„	8	„	105, „	45	10	39
Portuguese,	11	M.	111, „	46	11	39
Chinese,	24	„	13, Yee Wo Street,	43	16	Open space
„	48	F.	23, „	45	13	48
„	20	M.	30, „	46	13	48
„	20	„	31, „	46	13	48
„	17	„	40, „	46	13	48
„	20	„	42, „	46	13	48
„	27	„	45, „	46	13	48
„	20	„	46, „	46	13	48
„	16	„	47, „	44	13	49
„	47	„	47, „	44	13	49
„	23	„	48, „	44	13	49
„	28	„	57, „	44	13	48
„	59	„	57, „	44	13	48
„	13	„	58, „	44	13	48

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
36 sq. ft.	Lane 8′	2	1st	Nil.	Fair.
,,	,,	2	Ground	,,	Good.
,,	,,	2	1st	,,	,,
54 ,,	Lane 10′	2	Ground	3	,,
40 ,,	Lane 9′	2	,,	2	Fair.
36 ,,	Lane 8′	2	,,	2	Good.
30 ,,	Street 62′	2	1st	3	Fair.
,,	Open space.	2	,,	4	,,
165 ,,	Yes.	2	Ground	1	,,
Nil	,,	2	1st	Nil.	,,
Lane 18′	No.	2	Top	,,	,,
60 sq. ft.	Lane 10′	2	1st	2	Good.
,,	,,	2	,,	Nil.	,,
,,	,,	2	Ground	,,	,,
,,	,,	2	,,	,,	,,
,,	Lane 15′	2	1st	Nil.	,,
,,	,,	2	Top	,,	,,
,,	,,	2	,,	,,	,,
64 ,,	Yes.	2	1st	4	Fair.
Nil	Lane 10′	2	,,	1	,,
,,	,,	2	,,	4	Good.
18 sq. ft.	Yes.	2	Ground	2	Fair.
48 ,,	,,	3	Top	3	,,
Nil	Ground floor basement.	3	1st	1	Bad.
15 sq. ft.	Hillside.	3	,,	1	Fair.
20 ,,	Kitchen abuts on earth for whole height of building.	2	Ground	Nil.	,,
12 sq. ft.	Yes.	2	1st	3	,,
Nil	,,	3	,,	Nil.	Good.
20 sq. ft.	,,	3	,,	,,	,,
418 ,,	No.	3	Top	2	,,
33 ,,	Lane 8′	2	1st	Nil.	,,
40 ,,	,,	2	Ground	3	,,
70 ,,	,,	2	1st	Nil.	,,
,,	,,	2	Top	,,	,,
,,	,,	2	Ground	1	,,
,,	,,	2	1st	Nil.	Fair.
,,	Open space.	2	,,	,,	Good.
,,	,,	2	Ground	,,	,,
,,	,,	2	,,	1	,,
,,	,,	2	,,	1	,,
,,	,,	2	,,	Nil.	,,
,,	,,	2	,,	3	,,
,,	,,	2	,,	3	,,
,,	,,	2	,,	1	Fair.

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	24	M.	17 Albany Street,	38	13	30
„	41	„	18 „	68	14	29
„	50	„	5 Amoy Lane,	43	14	11
„	42	„	9 „	42	14	11
„	9	„	17 „	43	14	13
English,	36	„	1 Blue Buildings,	17	15	Praya
Chinese,	45	F.	4 Cross Street,	48	14	39
„	31	M.	6 „	48	14	39
„	22	„	29 & 31 „	38 & 21	13 & 12	41
„	52	F.	30 „	40	13	43
„	43	M.	5 Hau Fung Lane,	26	12	20
„	24	„	3 Hill Lane, Wanchai,	48	13	15
„	18	F.	5 Holy Infant Lane,	28	23	11
„	69	M.	7 „	30	23	11
„	15	F.	8 „	30	23	11
„	56	„	9 „	30	23	11
„	72	„	9 „	30	23	11
„	12	„	9 „	30	23	11
„	16	M.	11 Kat On Lane,	46	11	25
„	16	„	10 Kennedy Street,	59	14	24
„	42	„	4 King Sing Street,	43	12	21
„	42	„	7 „	44	15	22
„	36	F.	7 „	44	15	22
„	32	M.	9 „	44	15	22
„	56	„	9 „	44	15	22
„	38	F.	9 „	44	15	22
„	22	M.	1 Man Ming Lane,	25	12	5
„	17	F.	16 McGregor Street,	39	13	20
„	62	„	18 „	39	13	20
„	11	„	24 „	39	13	20
„	12	M.	24 „	39	13	20
„	29	„	26 „	38	13	20
„	21	„	26 „	38	13	20
„	15	„	27 „	38	16	21
„	7	„	34 „	38	13	20
„	19	„	2 Moon Street,	42	14	25
„	12	F.	3 „	42	14	25
„	38	„	7 „	42	14	25
„	55	M.	9 „	42	14	25
„	18	F.	12 „	42	14	25
„	18	M.	13 „	42	14	25
„	10	F.	15 „	42	14	25
„	21	M.	17 „	42	14	25
„	50	„	12 Nullah Lane,	32	26	19
„	32	F.	16 „	36	13	20
„	46	M.	16 „	36	13	20
„	30	„	43 „	41	13	20
„	36	„	60 „	26	12	30
Portuguese,	17	F.	9 Queen's Road East,	50	10	49
„	34	„	9 „	50	10	49
„	56	„	19 „	48	13	50
Chinese,	22	M.	38 „	47	13	50
„	10	F.	45 „	45	12	49
„	21	M.	46 „	47	13	50
„	20	F.	47 „	45	12	49
„	42	M.	47 „	45	12	49
„	18	„	49 „	45	12	49
„	19	„	49 „	45	12	49
„	19	„	84 „	48	14	50
„	25	„	88 „	48	14	50
„	42	„	96 „	49	13	49
„	48	„	122 „	15	7	15
„	23	„	144 „	37	12	50
„	54	F.	145 „	48	13	52
„	68	„	153*a*. „	48	13	52
„	48	M.	163 „	30	12	50
„	21	„	163 „	30	12	50
„	16	F.	165 „	30	12	50
„	18	M.	173 „	47	13	52

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
Lane 6′	No.	2	Top	Nil.	Fair.
70 sq. ft.	Yes.	3	1st	8	,,
50 ,,	,,	3	Ground	4	,,
55 ,,	,,	3	2nd	4	,,
50 ,,	,,	3	1st	Nil.	,,
Lane 10′	No.	3	Ground	,,	European Boarding House.
50 sq. ft.	Yes.	3	1st	5	Fair.
,,	,,	3	,,	5	,,
Wanchai Road.	No.	3	Top	1	Bad.
40 sq. ft.	Yes.	3	2nd	3	Fair.
Nil.	,,	2	1st	Nil.	,,
,,	Lane 4′	2	Ground	5	,,
St. Francis Convent Garden.	No.	2	1st	4	,,
Nil.	Lane 2′	2	,,	3	,,
,,	,,	2	,,	3	,,
,,	,,	2	1st	3	,,
,,	,,	2	,,	3	,,
,,	,,	2	,,	3	,,
,,	Yes.	2	Ground	5	,,
Lane 8′	No.	3	1st	4	Good.
24 sq. ft.	Yes.	2	,,	3	Fair.
36 ,,	,,	2	Ground	6	,,
,,	,,	2	,,	6	,,
,,	,,	2	,,	4	,,
,,	,,	2	,,	4	,,
,,	,,	2	,,	4	,,
32 ,,	,,	2	,,	Nil.	Bad.
Nil.	Street 29′	3	1st	4	Fair.
,,	,,	3	Ground	Nil.	,,
,,	,,	3	,,	3	,,
,,	,,	3	,,	3	,,
Street 30′	No.	3	,,	4	Good.
,,	,,	3	1st	Nil.	,,
Lane 4′	,,	3	Top	4	,,
Nil.	Street 29′	3	Ground	4	Fair.
,,	Street 16′	3	1st	4	,,
,,	,,	3	,,	4	,,
,,	,,	3	Top	2	Good.
,,	,,	3	1st	4	,,
,,	,,	3	,,	3	Fair.
,,	,,	0	Ground	1	,,
,,	,,	3	1st	Nil.	Good.
,,	,,	3	Ground	,,	Fair.
,,	Yes.	2	1st	2	Bad.
8 sq. ft.	,,	2	Ground	1	,,
18 ,,	Lane 5′	2	1st	Nil.	Fair.
40 ,,	Yes.	3	Top	,,	,,
Nil.	,,	2	Ground	3	,,
220 sq. ft.	,,	3	1st	Nil.	Bad.
,,	,,	3	,,	,,	,,
54 ,,	,,	3	,,	,,	Fair.
35 ,,	,,	3	Ground	,,	,,
Nil.	Lane 9′	4	Top	,,	,,
35 sq. ft.	Lane 8′	4	Ground	,,	,,
Nil.	Lane 9′	4	1st	5	,,
,,	,,	4	Top	5	,,
,,	,,	4	Ground	Nil.	,,
,,	,,	4	Top	4	,,
48 sq. ft.	Fenwick's Yard.	3	?	?	,,
42 ,,	,,	3	Top	2	,,
30 ,,	,,	3	Ground	Nil.	,,
Nil.	Yes.	2	,,	,,	,,
Swatow Lane.	No.	2	1st	5	,,
56 sq. ft.	Hillside.	3	,,	4	,,
,,	,,	3	,,	4	,,
63 ,,	Kitchen to earth 2 floors, top floor open.	3	Ground	5	,,
,,	,,	3	1st	4	,,
,,	Kitchen abuts on earth, ground and 1st floor.	3	Top	4	,,
54 ,,	Hillside, open space.	3	Ground	Nil.	Good.

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Filipino,	21	M.	213 Queen's Road East,	37	11	50
Chinese,	50	F.	223 „	51	12	50
„	66	M.	249 „	36	12	52
„	52	„	253 „	35	12	52
„	32	F.	257 „	35	12	52
„	35	„	7 St. Francis Street,	30	13	9
„	17	„	9 „	24	11	29
Portuguese,	45	„	2 St. Francis Yard,	32	13	Lane 4
„	14	M.	2 „	32	13	„
Chinese,	23	„	20 Sau Wa Fong,	42	13	14
„	25	F.	22 „	43	13	14
„	20	„	10 Ship Street,	30	16	22
Japanese,	19	„	21 „	67	13	21
Chinese,	35	M.	22 „	30	13	21
Japanese,	20	F.	23 „	67	13	21
Chinese,	15	M.	39 „	42	13	24
„	32	F.	42 „	42	13	24
„	30	M.	44 „	39	12	24
English,	41	„	Victoria Barracks, B. Block,	20	10	Open space.
Chinese,	28	„	10 Swatow Lane,	44	14	11
„	40	„	15 „	41	14	12
„	11	F.	2 Sun Street,	42	14	12
„	19	M.	4 „	42	14	12
„	24	„	5 „	42	14	26
„	31	F.	5 „	42	14	26
„	29	M.	5 „	42	14	26
„	21	„	7 „	42	14	26
„	16	„	8 „	42	14	26
„	66	„	2 Tai Wo Street,	23	12	31
„	59	„	12 „	57	13	30
„	18	„	8 Tai Wong Lane,	30	15	10
„	58	„	6 Tai Wong Street,	30	16	17
„	34	„	8 „	30	16	15
„	25	„	16 „	30	16	5
„	20	„	5 Triangle Street,	53	12	19
„	53	„	12 „	40	13	19
„	25	„	13 „	40	13	19
„	17	„	1 Tsui Lung Lane,	33	12	9
„	30	„	4 „	38	12	9
„	5	„	9 Ui Hing Lane,	24	14	11
„	54	„	15 „	42	14	11
„	44	„	23 „	42	14	11
Indian,	3½	„	8 Spring Gardens, Married Quarters,	20	19	50
„	30	„	30 Wanchai Road,	24	13	24
Chinese,	56	„	30 „	24	13	24
„	36	„	34 „	26	12	27
„	7	F.	42 „	38	13	36
„	11	M.	62 „	37	12	35
„	27	F.	2 Wing Fung Lane West	42	12	20
„	22	M.	10 „	42	15	20
„	8	F.	4 Wing Fung Street,	43	12	20
„	17	M.	7 „	43	15	19
„	16	„	9 „	37	16	19
„	19	F.	10 „	43	14	19
„	11	„	12 „	48	15	20
„	16	M.	15 „	37	14	19
„	21	„	16 „	42	13	19
„	13	F.	20 „	42	13	19
„	7	„	20 „	42	13	19
„	36	„	20 „	42	13	19
„	47	M.	42 „	45	13	14
„	26	„	42 „	45	13	14

DISTRICT,—*Continued.*

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
Nil.	Yes.	3	Ground	Nil.	Good.
Lane 15′	No.	3	1st	5	„
12 sq. ft.	Yes.	2	Ground	3	Fair.
8 „	„	2	Top	Nil.	„
8 „	„	3	2nd	3	„
Nil.	B. to Earth 2 floors; open space, 2 upper floors.	4	„	4	„
„	St. Francis Lane, lengthwise.	2	Top	Nil.	Bad.
„	Open space.	4 including 2 basements.	„	„	Fair.
„	„	„	„	„	„
„	„	2	1st	4	„
„	„	2	Ground	4	„
49 sq. ft.	Yes.	2	„	3	„
90 „	Fenwick's Yard.	3	1st	4	„
49 „	Yes.	2	„	Nil.	„
90 „	Fenwick's Yard.	3	„	„	„
Nil.	Open space.	3	Ground	4	„
Open space	Timber Yard.	3	1st	3	Good.
104 sq. ft.	Hillside, kitchen abuts full height of ground floor.	3	Ground	Nil.	„
Open space	Open space.	3	Top	„	„
50 sq. ft.	Yes.	3	1st	„	Fair.
42 „	„	3	„	3	Bad.
Nil.	Street 15′	3	„	4	Fair.
„	„	3	Ground	1	„
„	„	3	„	Nil.	„
„	„	3	1st	3	„
„	„	3	„	3	„
„	„	3	Ground	Nil.	„
„	„	3	„	„	„
„	Lane 4′	2	1st	3	„
40 sq. ft.	Yes.	3	Ground	1	„
35 „	„	2	„	Nil.	Bad.
„	„	2	1st	4	Fair.
42 „	„	2	Ground	1	„
49 „	„	2	„	4	„
20 „	„	2	1st	Nil.	„
32 „	„	2	„	„	„
„	„	2	Ground	„	„
Nil.	„	3	1st	2	Bad.
„	„	3	„	Nil.	„
„	Lane 10′	2	„	1	Fair.
Lane 11′	No.	2	„	1	Bad.
„	„	2	Ground	1	„
Open space	Open space.	2	1st	Nil.	Good.
24 sq. ft.	Nullah Lane 16′	2	„	„	Bad.
12 „	„	2	Ground	1	„
16 „	Yes.	2	„	Nil.	„
77 „	No.	2	1st	3	Fair.
9 „	Yes.	2	Ground	2	„
35 „	„	3	Top	1	„
45 „	„	3	Ground	Nil.	„
40 „	„	3	1st	„	„
60 „	„	3	Ground	1	„
Nil.	Lane 10′	2	„	4	„
12 sq. ft.	Yes.	2	1st	5	„
50 „	„	3	„	3	„
Nil.	Lane 10′	Under reconstruction.	Ground	Nil.	„
21 sq. ft.	Open space.	3	1st	4	„
„	„	4 including basement.	Top	3	„
„	„	„	„	3	„
„	„	„	„	3	„
Nil.	Hillside.	3	1st	1	„
„	„	3	„	1	„

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	28	M.	9 Chinese Street,	39	13	13
„	16	„	18 „	37	12	14
„	33	„	1 Chuk Hing Lane,	25	16	6
„	43	„	19 Cochrane Street,	29	13	25
„	8	F.	29 „	50	13	25
„	12	„	33 „	50	13	25
„	25	M.	35 „	50	13	25
„	11	F.	37 „	37	13	25
„	10	M.	46 „	43	12	25
„	32	„	46 „	43	12	25
„	51	F.	52 „	43	6	22
„	42	M.	5 Ezra Lane,	30	15	8
„	21	„	„	30	15	8
„	25	„	3 Gage Street,	39	12	26
Japanese,	48	F.	3 „	47	23	26
„	21	„	3 „	47	23	26
„	35	„	3 „	47	23	26
Chinese,	25	„	7 „	24	12	26
„	34	M.	7 „	24	12	26
„	30	F.	7 „	24	12	26
„	80	„	12 „	51	13	25
„	32	„	20 Graham Street,	44	14	25
„	26	M.	46 „	52	17	26
„	28	„	46 „	52	17	26
„	47	„	46 „	52	17	26
„	9	F.	46 „	52	17	26
„	18	„	46 „	52	17	26
„	21	M.	6 Gutzlaff Street,	65	13	16
„	19	F.	8 „	64	13	16
„	53	„	10 „	64	13	16
„	15	M.	14 „	40	12	20
„	27	„	18 Hing Lung Street,	28	13	15
„	28	„	21 „	29	13	14
„	15	F.	3 Hollywood Road,	44	13	32
„	11	„	12 „	40	13	32
Indian,	5	„	12 „	40	13	32
„	22	„	12 „	40	13	32
Chinese,	3	M.	17 „	44	13	32
„	56	F.	19*a* „	44	13	32
„	23	M.	36 „	59	16	30
„	43	„	42 „	59	16	20
„	32	F.	44 „	59	16	20
„	20	M.	12 Jubilee Street,	53	13	35
„	12	F.	1 Lan Kwai Fong,	49	16	18
„	7	M.	6 Li Yuen Street East,	51	14	23
„	7	„	7 „ „	57	13	23
„	32	„	21 Li Yuen Street,	35	13	24
„	32	„	3 Lok Hing Lane,	39	13	10
„	24	F.	7 „	37	13	10
„	32	„	9 „	37	13	10
„	23	M.	4 Lyndhurst Terrace,	39	12	31
„	15	„	4 Pottinger Lane,	51	13	7
„	13	F.	4 „	51	13	7
„	29	M.	14 Pottinger Street,	48	13	20
„	42	„	20 Praya Central,	50	13	57
„	25	„	1 Shelly Street,	53	16	24
„	11	„	20 Staunton Street,	65	15	24
„	22	„	22 „	65	15	24
„	33	F.	2 Sun Wai Lane,	38	14	10
„	52	„	3 „	38	14	10
„	23	M.	3 Wai Tak Lane,	25	12	9
„	48	„	9 „	31	12	9
„	7	F.	48 Wellington Street,	48	14	30
„	27	M.	79 „	45	13	23
„	34	F.	98 „	39	15	28
„	10	„	4 Wo On Lane,	49	13	15
„	11	M.	5 „	49	13	15

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
Nil.	Lane 8′	3	Ground	Nil.	Fair.
65 sq. ft.	Yes.	3	,,	,,	,,
Lane 3′	No.	4 in one half & 3 in the other.	2nd	,,	,,
25 sq. ft.	Yes.	3	Ground	,,	,,
Nil.	,,	4	1st	2	,,
36 sq. ft.	,,	3	,,	2	,,
42 ,,	Lane 6′	4	Ground	1	,,
Nil.	,,	3	1st	2	,,
,,	,,	3	,,	6	,,
,,	,,	3	Top	Nil.	,,
,,	Yes.	3	Ground	,,	Bad.
42 sq. ft.	Lane 6′	3	,,	,,	Fair.
,,	,,	3	,,	,,	,,
Nil.	Lane 7′	4 including basement.	,,	,,	,,
40 sq. ft.	Lane 3′	3	,,	Nil.	,,
,,	,,	3	1st	,,	,,
,,	,,	3	Ground	,,	,,
Nil.	Lane 6′	4 including basement.	Top	3	,,
,,	,,	,,	Ground	Nil.	,,
,,	,,	,,	1st	2	,,
41 sq. ft.	Yes.	4	,,	5	,,
Nil.	Street 16′	3	,,	5	,,
42 sq. ft.	Yes.	3	Ground	Nil.	,,
,,	,,	3	,,	,,	,,
,,	,,	3	,,	,,	,,
,,	,,	3	Top	2	,,
,,	,,	3	2nd	1	,,
54 ,,	,,	3	1st	5	,,
48 ,,	,,	3	2nd	4	,,
,,	,,	3	1st	2	,,
40 ,,	Lane 3′	3	Ground	1	,,
Nil.	Yes.	2	,,	Nil.	,,
25 sq. ft.	,,	2	1st	,,	,,
Nil.	Lane 7′	4 including basement.	,,	3	,,
,,	Lane 10′	3	,,	3	,,
,,	,,	3	Top	2	,,
,,	,,	3	,,	2	,,
,,	Lane 7′	4	Ground	2	,,
,,	,,	4	1st	4	,,
36 sq. ft.	Yes.	3	Ground	Nil.	,,
,,	,,	3	Top	2	,,
77 ,,	,,	3	1st	5	,,
48 ,,	,,	4	3rd	2	,,
40 ,,	,,	3	1st	3	,,
63 ,,	,,	3	Top	2	Good.
54 ,,	,,	3	1st	4	Fair.
Nil.	Douglas Lane.	3	,,	3	,,
30 sq. ft.	Lane 3′	3	2nd	3	,,
,,	Yes.	3	,,	3	,,
,,	,,	3	1st	4	,,
18 ,,	Lane 5′	3	Ground	Nil.	,,
60 ,,	Yes.	3	1st	4	,,
,,	,,	3	2nd	5	,,
,,	,,	3	Ground	1	Good.
42 ,,	,,	4	,,	Nil.	Fair.
,,	,,	3	,,	,,	,,
96 ,,	,,	3	1st	2	,,
,,	,,	3	,,	Nil.	Good.
Nil.	Lane 4′	3	,,	3	Fair.
6 sq. ft.	,,	3	2nd	3	,,
36 ,,	Yes.	3	,,	Nil.	,,
24 ,,	,,	2	Ground	,,	,,
48 ,,	Lane 15′	4	Top	3	,,
77 ,,	Yes.	4	1st	1	,,
28 ,,	,,	3	,,	4	,,
60 ,,	,,	4	,,	3	,,
,,	Lane 5′ on upper floors, and to earth ground floor.	4	,,	4	,,

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	18	M.	1 Aberdeen Street,	42	13	24
„	44	„	5 „	32	13	24
„	13	F.	7 „	40	13	25
„	34	M.	47 „	39	12	25
„	23	F.	55 „	39	12	26
„	26	M.	57 „	39	12	26
„	20	F.	12 Chung Wo Lane,	38	13	12
„	31	M.	12 „	38	13	12
„	11	F.	14 „	38	13	12
„	5	M.	17 „	35	13	12
„	62	„	19 „	35	13	12
„	15	F.	6 Elgin Street,	47	15	27
„	18	M.	15 „	79	12	29
„	43	F.	30 Gage Street,	43	12	23
„	29	„	32 „	43	12	24
„	38	M.	1 George's Lane,	39	13	9
„	40	„	4 „	38	13	10
„	61	„	6 „	33	13	10
„	49	„	7 „	37	13	10
„	45	„	2 Gilman's Bazaar,	23	13	16
„	28	F.	26 „	27	15	18
„	48	M.	13 Gough Street,	60	16	22
„	4	F.	13 „	60	16	22
„	35	M.	13 „	60	16	22
„	16	F.	21 „	45	17	22
„	15	M.	28 „	36	11	22
„	16	„	47 „	53	13	22
„	5	F.	53 Graham Street,	49	14	25
„	22	„	63 Hollywood Road,	43	13	25
„	10	„	73 „	32	12	30
„	58	„	82 „	53	13	30
„	25	„	85 „	32	12	30
„	12	„	87 „	32	14	34
„	67	„	87 „	32	14	34
„	40	M.	1 Hong Ning Lane,	33	14	15
„	30	„	1 „	33	14	15
„	8	„	6 I'On Lane,	39	13	10
„	7	„	1 Kau U Fong,	32	18	10
„	6	„	3 „	39	14	15
„	2	„	7 „	39	13	10
„	11	„	1 Kau U Fong North,	38	13	10
„	28	F.	6 „	38	13	8
„	60	„	1 Mee Lun Lane,	40	11	8
„	14	M.	2 „	39	12	8
„	41	„	3 „	40	12	8
„	12	„	7 „	33	11	8
„	24	F.	9 „	33	11	8
„	31	M.	14 „	20	14	8
„	16	F.	11 On Wo Lane,	30	13	10
„	25	M.	65 Praya Central,	37	20	Praya.
„	20	„	111 Queen's Road Central,	45	13	51
„	26	„	119 „	44	13	56
„	23	„	146 „	56	13	51
„	19	„	48 Staunton Street,	27	14	26
„	39	„	40 Tung Man Lane,	27	15	12
„	12	F.	5 Tung Wa Lane,	24	12	9
„	33	„	1 Wa In Fong East,	35	13	8
„	15	„	9 „	32	13	8
„	12	„	17 „	36	13	7
„	16	M.	138 Wellington Street,	41	12	29
„	66	F.	8 Wing Kat Lane,	51	13	24
„	11	„	6 Wing On Lane,	24	12	11
„	27	„	26 „	24	12	11

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
Nil.	Lane 7′	3	Ground	Nil.	Fair.
„	Lane 6′	3	2nd	4	„
„	Lane 8′	3	1st	2	„
36 sq. ft.	Yes.	2	„	3	„
49 „	„	2	Top	4	„
„	„	2	Ground	Nil.	„
42 „	„	2	„	3	„
„	„	2	1st	3	„
„	„	2	„	3	„
„	„	2	Top	2	„
„	„	2	1st	3	„
Nil.	Peel Street.	5 including basement.	Top	1	„
92 sq. ft.	Yes.	3	1st	2	„
6 „	Lane 9′	3	2nd	3	„
Nil.	Earth ground floor and to Pak Tsz Lane 1st and 2nd floors.	3	„	Nil.	„
45 sq. ft.	Lane 4′	3	1st	4	„
„	„	3	Ground	Nil.	„
„	„	3	„	„	Bad.
„	„	3	„	„	Fair.
Nil.	Lane 3′	3	„	„	„
„	Lane 5′	3	1st	2	„
66 sq. ft.	Yes.	3	Ground	Nil.	„
„	„	3	1st	4	„
„	„	3	„	4	„
96 „	Yard.	3	Top	3	„
48 „	Yes.	4	„	1	„
40 „	Lane 5′	5	Ground	Nil.	„
72 „	Yes.	3	„	1	Good.
66 „	„	3	1st	3	Fair.
42 „	„	3	„	2	„
19 „	Hillside.	3	Top	5 below & 3 above large cockloft.	„
42 „	Shin Hing Lane lengthwise.	3	1st	3	„
49 „	Yes.	3	„	2	Good.
„	„	3	„	2	„
Yan Wo Lane 15′	No.	3	Top	3	Fair.
„	„	3	Ground	1	„
42 sq. ft.	Yes.	3	1st	2	„
Nil.	Earth 2 floors.	4	„	2	„
„	Lane 10′	3	Top	2	„
„	„	3	1st	4	„
„	Lane 8′	3	„	3	Bad.
„	Lane 10′	3	„	3	Fair.
30 sq. ft.	Yes.	3	„	Nil.	„
18 „	„	3	Ground	„	Good.
30 „	„	3	2nd	1	Fair.
„	„	3	1st	2	„
30 „	„	3	2nd	2	„
36 „	„	3	Ground	Nil.	„
16 „	„	2	1st	3	„
Nil.	Gilman's Bazaar lengthwise	3	Ground	Nil.	„
21 sq. ft.	Yes.	3	2nd	1	„
Nil.	Lane 6′	3	Top	Nil.	„
„	Yes.	3	„	2	„
„	Lane 15′	3	2nd	Nil.	„
48 sq. ft.	Yes.	2	1st	1	„
Nil	Lane 9′	3	Top	1	„
14 sq. ft.	Yes.	2	Ground	2	„
42 „	„	2	„	Nil.	„
28 „	Lane 3′	3	1st	„	„
48 „	Yes.	4	Ground	1	„
50 „	„	3	1st	4	„
15 „	„	2	Top	2	„
„	„	2	1st	3	„

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	30	F.	26 Bridges Street,	36	12	17
„	60	M.	26 „	36	12	17
„	38	„	38 „	39	13	26
„	34	F.	62 „	39	14	29
„	18	M.	66 „	45	11	12
„	21	„	66 „	45	11	12
„	23	„	13 Circular Pathway,	29	14	21
„	16	„	18 „	33	14	20
„	11	F.	23 „	42	22	20
„	23	„	23 „	42	22	20
„	27	M.	26 Hillier Street,	30	10	32
„	32	F.	111 Hollywood Road,	32	13	30
„	58	„	113 „	32	13	30
„	14	M.	129 „	32	12	4
„	26	F.	133 „	38	13	30
„	37	M.	8 Jervois Street,	17	15	32
„	36	„	10 Kwong Yuen Street, East,	31	13	15
„	53	„	18 Lascar Row, Lower,	14	17	25
Japanese,	23	„	9 „ Upper,	54	13	25
Chinese,	19	„	217 Queen's Road Central,	29	21	50
„	31	„	250 „	38	12	14
„	13	„	3 Shing Wong Street,	30	13	20
„	5	F.	13 Square Street,	30	20	26
„	16	M.	15 „	28	15	26
„	56	F.	18 „	57	13	36
„	52	„	5 Wa Hing Lane,	27	13	8
„	21	„	6 „	24	14	8
„	7	M.	5 Wing Lok Street,	38	13	30
„	35	„	53 „	47	12	30
„	29	F.	12 Wing Shing Street,	61	12	19

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
35 sq. ft.	Hillside.	2	1st	3	Fair.
"	"	2	"	3	"
78 "	"	2	Ground	Nil.	"
42 "	Lane 5.	2	Top	1	"
55 "	Hillside.	2	Ground	Nil.	"
55 "	"	2	"	"	"
30 "	Yes.	3 & basement.	"	"	"
42 "	Small Lane entrance to basement 6′ wide.	3 not including basement.	"	"	"
Nil.	Yes.	3	Top	6	"
"	"	3	"	Nil, all removed by order of M. O. H.	"
"	"	3	1st	Nil.	Bad.
"	Open space over Circular Pathway.	3	2nd	2	Fair.
"	"	3	1st	1	"
"	Earth.	4	Basement	Nil.	"
"	Open space over Circular Pathway. Basement.	3	1st	3	"
				Nil.	Bad.
30 sq. ft.	Yes.	3	Ground	1 accountant's room.	Fair.
Nil.	Lane 5′	3	1st	1	"
"	Street 27′	4		1	"
Back to	Jervois Street.	3 not including 1 in Jervois St.	Top	1	"
Nil.	Lane 6′	3	Ground	Nil.	"
"	Circular Pathway.	3	1st	2	"
92 sq. ft.	Yes.	3	Top	3	Fair.
"	"	3	"	Nil.	Bad.
"	Lane 15′	4	2nd	6	Fair.
42 sq. ft.	Earth.	4	Ground	Nil.	"
Nil.	"	3	1st	"	"
"	Kwong Yuen Street lengthwise.	3	"	2	Bad.
"	Corner house.	4	"	Nil.	Fair.
56 sq. ft.	Yes.	3	Top	5	"

No. 7 HEALTH

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	36	F.	13 East Street,	39	12	25
,,	66	,,	26 ,,	28	19	24
,,	10	M.	201 Hollywood Road,	30	15	30
,,	24	,,	40 Lascar Row, Lower,	32	13	25
,,	41	,,	42 ,, Upper,	59	12	24
,,	60	,,	84 Market Street,	38	12	19
,,	10	F.	27 Possession Street,	27	17	25
,,	15	M.	46 Praya West,	36	12	Reclamation
,,	5	F.	1 Rutter St., Lower,	43	14	21
,,	9	,,	1 ,,	43	14	21
,,	61	,,	1 ,,	43	14	21
,,	35	,,	1 ,,	43	14	21
,,	21	M.	8 ,,	42	13	23
,,	23	,,	11 ,,	43	14	21
,,	32	,,	36 Square Street,	32	12	19
,,	3	,,	48 ,,	26	15	20
,,	14	F.	15 Station Street, Upper,	50	15	25
,,	35	M.	4 Taipingshan Street,	42	13	28
,,	26	,,	7 ,,	37	13	14
,,	13	F.	5 Tung Loi Lane,	43	17	Praya Reclamation
,,	17	,,	34 West Street,	38	17	25
,,	32	M.	39 ,,	36	18	25
,,	5	,,	39 ,,	39	19	25
,,	38	,,	44 ,,	38	17	25

No. 8 HEALTH

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	18	M.	15 Connaught Road,	88	13	Praya.
,,	21	,,	12 Fat Hing Street,	45	12	12
,,	27	,,	12 ,,	45	12	12
,,	5	,,	8 Heung Lane	42	13	11
,,	14	,,	224 Hollywood Road,	47	14	27
,,	19	,,	250 ,,	39	25	30
,,	43	,,	17 New Street,	48	13	28
,,	14	F.	29 ,,	48	13	28
,,	27	M.	2 Po Yan Street,	57	15	21
,,	43	,,	4 Possession Street,	39	15	25
,,	27	F.	70 Queen's Road West,	66	13	50
,,	43	M.	108 ,,	44	13	51
,,	19	,,	193 ,,	29	10	44
,,	24	,,	4 Queen's Street,	46	15	29
,,	14	F.	4 Sai Woo Lane,	39	13	14
,,	32	,,	11 ,,	42	13	14
,,	31	M.	24 Tsung Sau Lane, West,	34	13	12
,,	52	F.	24 ,,	34	13	12
,,	38	M.	191 Wing Lok Street,	68	13	30

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
12 sq. ft.	Lane 13′	3	1st	4	Fair.
Nil.	Yes.	3	,,	5	Bad.
4 sq. ft.	,,	3	2nd	2	Fair.
70 ,,	,,	4 including basement.	1st	Nil.	,,
10 ,,	,,	4	,,	,,	Bad.
Nil.	,,	4	Ground	,,	,,
49 sq. ft.	,,	3	,,	3	Fair.
Nil.	Wing Lok Street 31′	3	,,	Nil.	,,
,,	Space 108 sq. ft.	3	,,	5	,,
,,	,,	3	1st	5	,,
,,	,,	3	,,	5	,,
,,	,,	3	,,	5	,,
,,	Lane 5′	3	,,	4	,,
108 sq. ft.	Upper Rutter Street.	3	2nd	4	,,
Nil.	Yes.	2	1st	4	,,
,,	Back to Earth ground and 1st floors, and back to back top floor.	3	Ground	Nil.	Bad.
4 sq. ft.	Yes.	3	2nd	6	Fair.
Nil.	Open space, semi detached.	4	Top	1	Good.
49 sq. ft.	Yes.	3	1st	4	Fair.
Nil.	Lane lengthwise.	3 not including lane entrance.	2nd	4	,,
,,	Lane 12′	3	1st	3	,,
,,	,,	3	Ground	Nil.	,,
,,	,,	3	1st	5	,,
,,	,,	4	Top	5	,,

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
120 sq. ft.	Yes.	3	Ground	Nil.	Fair.
21 ,,	B. to Earth 2 floors, top floor open space.	3	,,	1½ lattice work.	Bad.
,,	,,	3	1st	3	Fair.
64 ,,	Yes.	3	Top	One	,,
60 ,,	,,	4	3rd	Nil.	,,
Lane 10′	No.	3	2nd	,,	,,
48 sq. ft.	Yes.	4	Top	2	,,
,,	,,	4	Ground	7	Bad.
60 ,,	,,	4	,,	Nil.	Fair.
Lane 7′	No.	4	,,	,,	,,
Lane 12′	B. to Earth ground floor only.	4	1st	8	Bad.
Nil.	Lane 7′	3	,,	4	Fair.
24 sq. ft.	Yes.	3	2nd	Nil.	,,
32 ,,	,,	4	,,	4	,,
42 ,,	,,	2	Top	2	,,
18 ,,	,,	3	1st	4	,,
30 ,,	,,	3	Ground	Nil.	,,
,,	,,	3	Top	4	,,
Nil.	,,	3	Did not enter house.	2 of bamboo ⅔ open ground floor.	Bad.

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	35	M.	10 Chung Ching Street,	56	14	20
„	40	„	46 Connaught Road,	98	13	Praya 62
„	36	„	14 Des Vœux Road W.	69	13	78
„	53	F.	134 „	42	13	74
„	9	M.	153 „	59	14	74
„	8	F.	153 „	59	14	74
„	25	„	154 „	59	14	74
„	66	„	159 „	59	14	74
„	25	M.	314 „	58	14	78
„	47	„	23 Eastern Street,	50	13	36
„	48	F.	6 First Street,	46	14	30
„	24	„	18 „	46	10	30
„	19	M.	21 „	28	13	20
„	24	„	22 „	46	13	30
„	45	„	62 „	46	10	32
„	23	„	91 „	37	11	29
„	28	„	121 „	42	13	30
„	23	„	2 Fuk Luk Lane,	39	13	12
„	87	„	3 „	40	13	12
„	32	„	4 Fuk Sau Lane,	40	13	12
„	32	„	12 High Street,	48	11	35
„	12	F.	15 „	43	14	36
„	54	M.	21 „	35	14	36
„	35	„	25 „	35	14	36
„	9	F.	29 „	35	14	36
„	34	M.	37 „	32	13	34
„	26	F.	37 „	32	13	34
„	69	„	39 „	32	13	34
„	42	M.	41 „	46	12	32
„	40	„	41 „	46	12	32
„	46	„	51 „	25	12	30
„	7	„	87 „	48	12	29
„	34	„	1 Lau U Lane,	28	12	5
„	38	„	8 Leung I Fong,	43	13	13
„	28	„	9 „	43	13	13
„	15	„	12 Pokfulam Road,	32	14	35
„	24	F.	194 Praya West,	64	16	67
„	45	„	194 „	64	16	67
„	4	„	236 Queen's Road West,	60	14	37
„	56	„	261 „	59	14	44
„	60	„	263 „	59	14	50
„	38	M.	280 „	45	11	40
„	29	„	291 „	43	13	50
„	30	„	298 „	36	12	40
„	9	F.	324 „	52	11	49
„	22	M.	330 „	49	7	49
„	10	F.	332 „	49	12	49
„	5	„	332 „	49	12	49
„	58	M.	336 „	49	13	40
„	27	„	5 Rienacker Street,	43	13	26
„	21	F.	5 „	43	13	26
„	35	M.	6 „	43	13	26
„	18	„	10 „	43	13	26
„	6	F.	14 „	43	13	26
„	28	M.	11 Sai Yuen Lane,	53	14	20
„	21	„	9 Second Street,	47	13	29
„	14	F.	9 „	47	13	29
„	22	M.	9 „	47	13	29
„	45	„	16 „	43	13	30
„	11	„	20 „	39	13	30
„	60	„	28 „	39	13	30
„	18	„	65 „	43	12	31
„	23	„	14 Sheung Fung Lane,	30	13	10
„	30	F.	14 „	30	13	10
„	26	M.	18 „	20	13	10
Greek,	24	„	Sailors Home,	35	24	Open space.
Chinese,	16	„	9 Third Street,	38	12	35

DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
72 sq. ft.	Yes.	3	1st	4	Fair.
104 „	„	4	Top	2	Good.
60 „	„	4	2nd	Nil.	„
48 „	„	4	1st	5	Fair.
70 „	„	4	„	3	Good.
„	„	4	„	3	„
„	„	4	2nd	4	Fair.
„	„	4	1st	5	„
72 „	„	3	„	Nil.	Good.
70 „	„	4	„	2	Fair.
42 „	Lane 6′	4	Ground	4	„
Nil.	Lane 8′	4	1st	4	„
„	Lane 12′	3 and basement	„	2	„
„	Lane 8′	4	3rd	6	Good.
40 sq. ft.	Yes.	4	1st	4	Fair.
Nil.	Lane 11′	4 including basement.	2nd	1	„
„	Lane 14′	„	„	4	„
32 sq. ft.	B. to Earth ground floor and open space 1st floor.	2	1st	Nil.	„
40 „	B. to Earth kitchens only, full height of ground floor.	2	„	4	Bad.
Nil.	Lane 4′	2	Ground	Nil.	Fair.
21 sq. ft.	Open space.	2	„	2	„
Nil.	Open space over Un Shing Lane.	2	„	1	„
45 sq. ft.	Yes.	3 including basement.	Top	1	„
„	„	3	Ground	1	„
„	„	3	1st	4	„
Lane 5′	Open space.	2	Ground	3	„
„	„	2	„	Nil.	„
„	„	2	„	„	„
56 sq. ft.	„	2	„	3	„
„	„	2	„	Nil.	„
12 „	Yes.	2	1st	3	Bad.
60 „	Space.	2	Ground	Nil.	Fair.
30 „	Yes.	2	Top	3	Bad.
36 „	„	2	Ground	1	Fair.
„	„	2	„	Nil.	„
15 „	„	3	Top	2	„
Nil.	„	3	„	3	„
„	„	3	„	3	„
„	Lane 12′	3	„	6	„
66 sq. ft.	Yes.	3	2nd	5	„
70 „	„	3	1st	3	„
Nil.	Lane 10′	3	„	4	„
„	Lane 6′	3	Ground	Nil.	„
6 sq. ft.	Lane 5′	4	1st	1	„
Nil.	Lane 8′	3	„	4	„
„	Lane 12′	3	2nd	3	„
„	„	3	1st	4	„
„	„	3	2nd	4	„
6 sq. ft.	Lane 8′	3	„	4	„
60 „	Yes.	3	Ground	Nil.	Good.
„	„	3	2nd	3	Fair.
„	„	3	„	3	„
„	„	3	Ground	Nil.	„
„	„	3	1st	4	„
6 „	Lane 9′	3	Top	Nil.	„
Nil.	Lane 6′	3	Ground	2	„
„	„	3	1st	6	„
„	„	3	2nd	Nil.	„
50 sq. ft.	Yes.	2	Ground	4	„
9 „	„	3	1st	3	„
„	„	2	„	3	„
32 „	„	2	„	3	„
45 „	„	2	„	2	„
„	„	2	„	2	„
24 „	„	2	„	3	„
Surrounded by open space.	No.	3	„	Nil.	Good.
Nil.	Lane 4′	2	„	3	Fair.

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
				Feet.	Feet.	Feet.
Chinese,	38	M.	15 Third Street,	38	12	35
„	19	„	17 „	38	12	35
„	38	„	18 „	43	14	35
„	56	„	20 „	43	14	35
„	28	F.	24 „	43	14	31
„	19	„	37 „	35	14	35
„	24	„	45 „	33	14	35
„	37	M.	50 „	47	14	31
„	39	F.	50 „	47	14	31
„	58	„	57 „	45	14	31
„	24	„	59 „	45	14	31
„	25	M.	63 „	43	14	31
„	31	„	77 „	45	14	31
„	58	„	79 „	47	14	31
„	4	„	92 „	42	12	31
„	30	„	107 „	38	13	31
„	28	„	109 „	36	13	31
„	24	„	11 Torseen Street,	43	13	26
„	11	„	11 „	43	13	26
„	63	F.	14 „	43	13	26
„	15	„	18 „	54	13	26
„	43	M.	3 U Lok Lane,	36	12	7
„	24	„	8 „	34	12	7
„	70	„	4 „	36	12	7
„	18 months	„	22 „	35	12	7
„	51	„	2 Un Fuk Lane,	44	14	13
„	14	„	11 Un Shing Lane,	21	13	7
„	65	„	12 „	21	13	7
„	19	F.	14 „	48	13	7
„	29	M.	3 Woi On Lane,	43	13	13
„	32	„	3 „	43	13	13

Nationality.	Age.	Sex.	Address.	Depth of House.	Frontage.	Width of street fronting House.
Chinese,	36	F.	2 Belcher's Street,	47	15	Vacant Lot, Hillside
„	28	„	32 Praya, Kennedy Town,	47	13	Praya, sea front.
„	36	M.	226 Praya West,	94	14	74
„	44	„	366 Queen's Road West,	50	13	37
„	30	„	389 „	39	15	34
„	76	F.	395 „	38	14	33
„	22	M.	484 „	49	13	35
„	18	„	488 „	49	13	35
„	22	„	492 „	64	14	36
„	38	„	560 „	72	16	49
„	22	F.	562 „	62	15	40
„	30	„	558 „	70	16	40
„	34	M.	7 Sam To Lane,	33	13	12
„	26	„	136 Second Street,	45	14	36
„	37	„	155 „	32	7	70
„	28	„	214 Third Street,	43	13	28
„	15	„	218 „	43	13	28

DISTRICT,—*Continued.*

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
Nil.	Open space timber yard.	2	1st	3	Fair.
,,	Lane 4′	2	,,	Nil.	,,
9 sq. ft.	B. to Earth ground floor and Un Shing Lane top floor.	2	,,	5	,,
,,	,,	2	,,	4	,,
20 ,,	Lane 22′	2	,,	3	,,
12 ,,	Yes.	2	,,	3	,,
16 ,,	,,	2	,,	3	,,
36 ,,	Lane 15′	2	,,	4	,,
,,	,,	2	,,	4	,,
45 ,,	Yes.	2	,,	3	,,
,,	,,	2	,,	4	,,
Nil.	Lane 4′	2	,,	Nil.	,,
28 sq. ft.	Yes.	2	,,	4	,,
24 ,,	,,	2	,,	Nil.	,,
16 ,,	B. to Earth ground floor and to Lane 1st floor.	2	Ground	4	,,
,,	Yes.	2	1st	3	,,
8 ,,	,,	2	,,	4	,,
60 ,,	,,	3	Ground	Nil.	,,
,,	,,	3	2nd	3	,,
,,	,,	3	1st	4	,,
72 ,,	,,	3	Top	4	,,
42 ,,	Lane 5′	2	1st	1	,,
35 ,,	B. to Earth ground floor and to Lane 5′ floor.	2	Ground	Nil.	,,
,,	Lane 5′	2	,,	,,	Bad.
54 ,,	B. to B. and B. to Earth ground floor.	2	Top	3	Fair.
20 ,,	Yes.	2	1st	3	,,
6 ,,	,,	2	Ground	Nil.	,,
,,	,,	2	,,	2	Bad.
56 ,,	Kitchens to earth both floors.	2	,,	Nil.	Fair.
36 ,,	Yes.	2	1st	3	,,
,,	,,	2	,,	3	,,

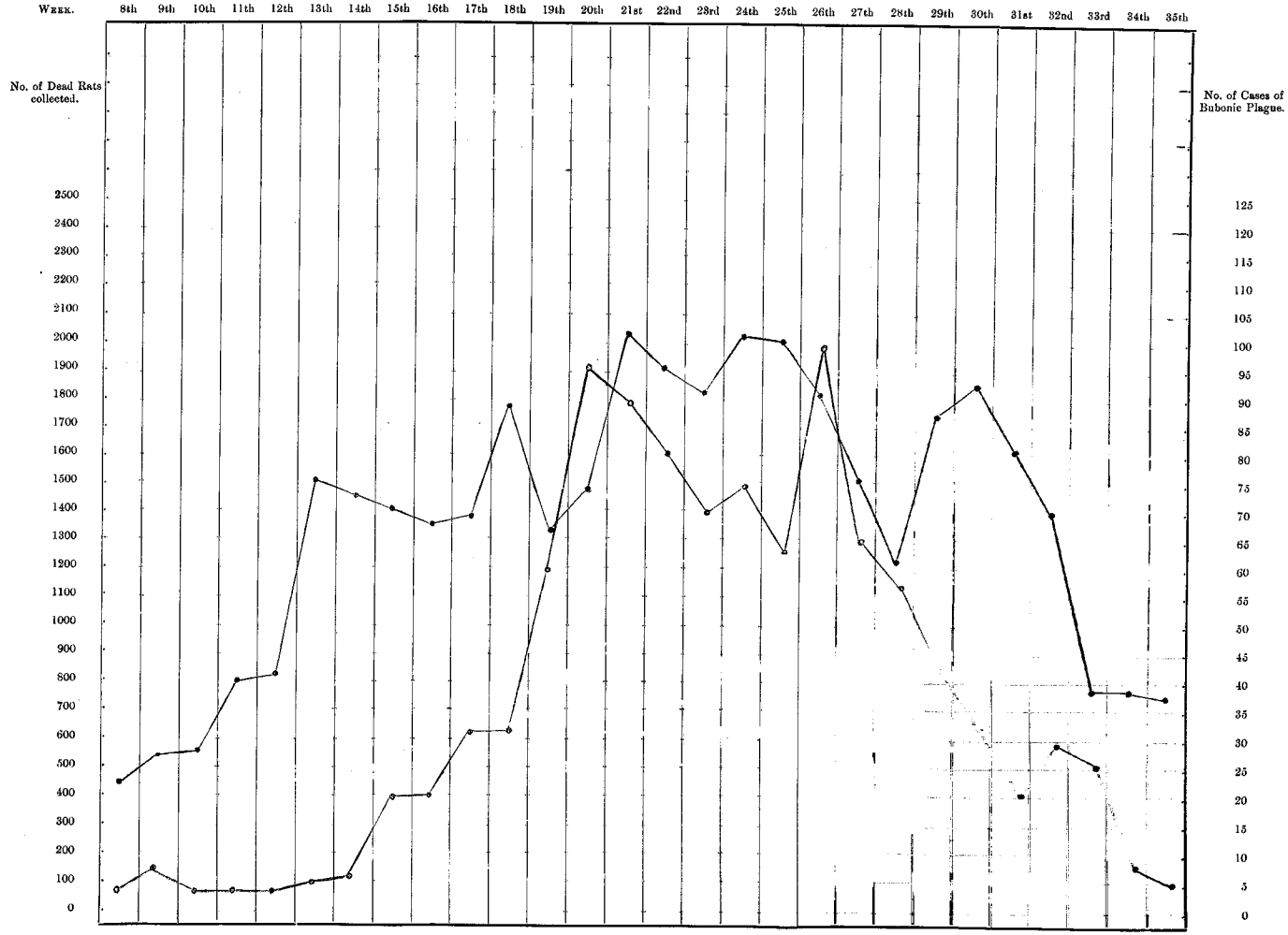
DISTRICT.

Open area in rear.	If back to back or back to side.	No. of floors in house.	Floor on which case occurred.	No. of cubicles in room where case occurred.	Sanitary condition of premises.
50 sq. ft.	Yes.	3	2nd	4	Fair.
32 ,,	,,	2	1st	3	,,
Nil.	Lane 13′	2	Ground	Nil.	,,
,,	Lane 9′	3	,,	,,	,,
,,	Yes.	2	1st	,,	,,
9 sq. ft.	Open space.	2	,,	3	,,
Nil.	,,	2	Ground	Nil.	,,
72 sq. ft.	Lane 7′	3	Top	,,	,,
66 ,,	Open space, Timber Yard.	2	1st	,,	,,
36 ,,	Yes.	2	,,	7	Bad.
Nil.	Lane lengthwise.	2, ground floor lane entrance.	,,	6, all illegal.	,,
64 sq. ft.	Yes.	2	Top	6	Fair.
Nil.	,,	2	Ground	Nil.	Bad.
84 sq. ft.	Lane 6′ wide.	3	1st	,,	Fair.
21 ,,	Space between 2 houses.	1	,,	,,	,,
Nil.	Basement.	3	,,	,,	Bad.
,,	B. to Earth ground floor and open space top floor.	2	,,	,,	Fair.

BUBONIC FEVER AND GENERAL RAT MORTALITY.

HONGKONG

1900



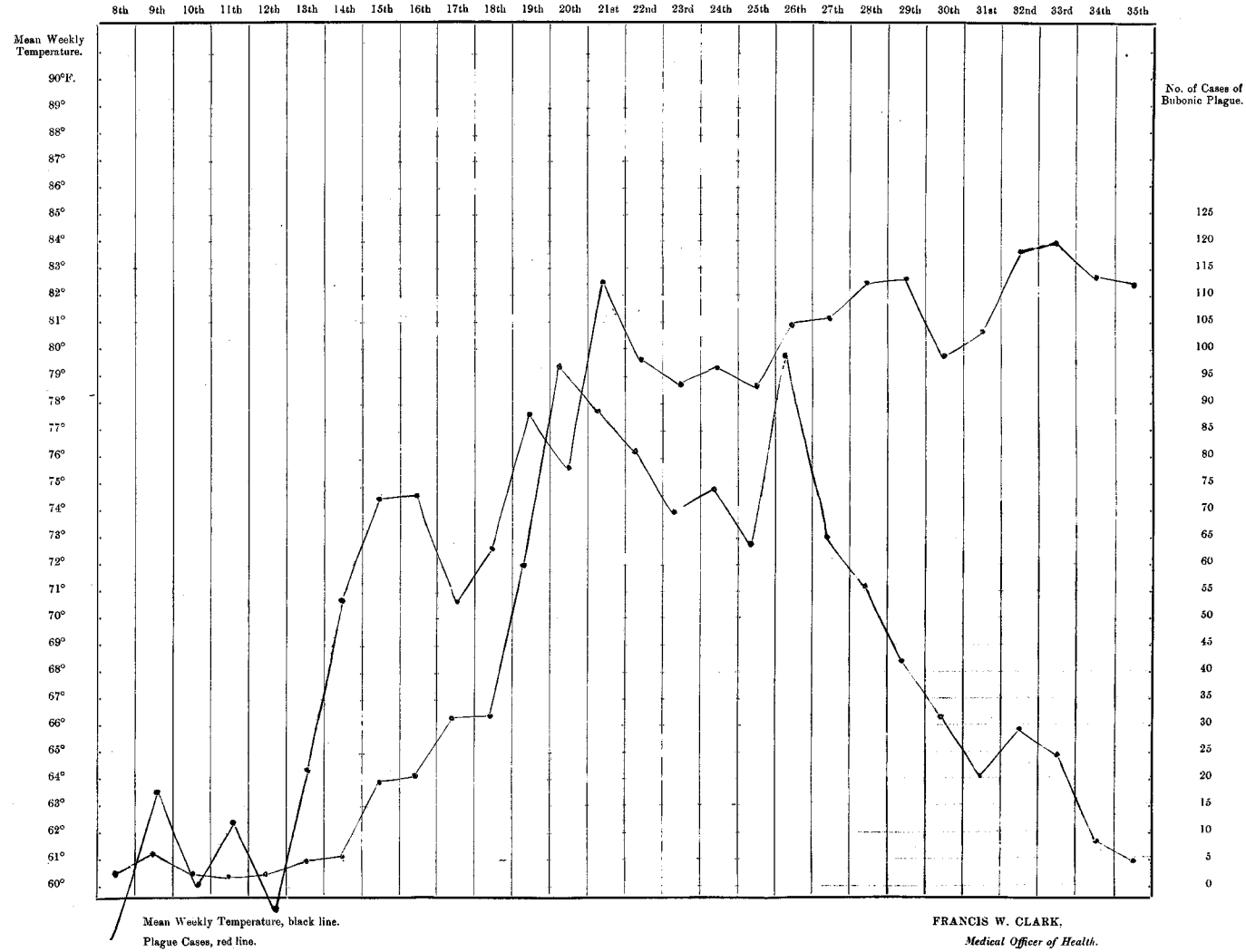
Dead Rats, black line.
Plague Cases, red line.

FRANCIS W. CLARK,
Medical Officer of Health.

BUBONIC FEVER AND MEAN ATMOSPHERIC TEMPERATURE.

HONGKONG

1900



Mean Weekly Temperature, black line.

Plague Cases, red line.

FRANCIS W. CLARK,

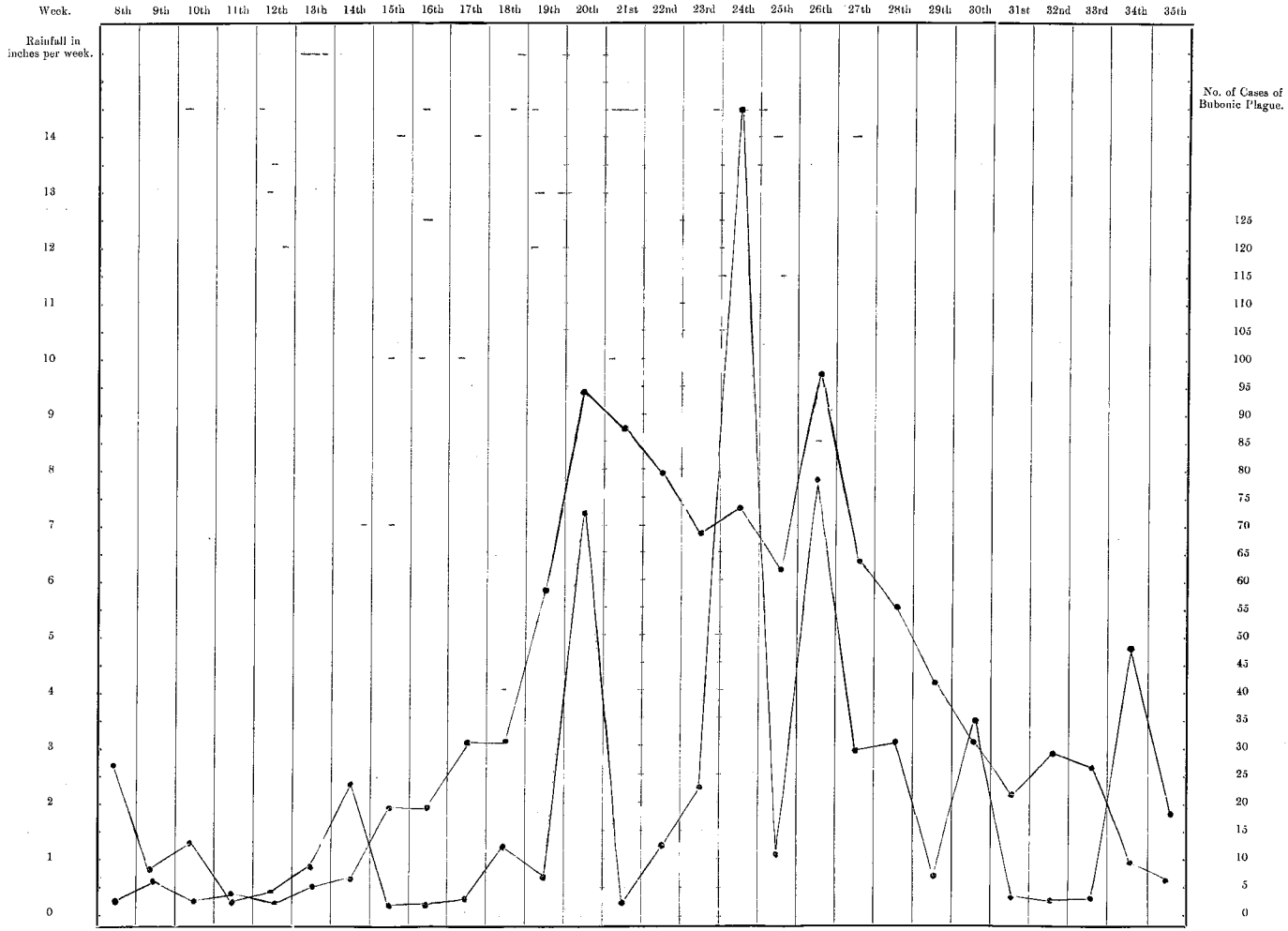
Medical Officer of Health.

BUBONIC FEVER IN LAND MEAN ATMOSPHERIC
HONOLULU
1900

BUBONIC FEVER AND RAINFALL.

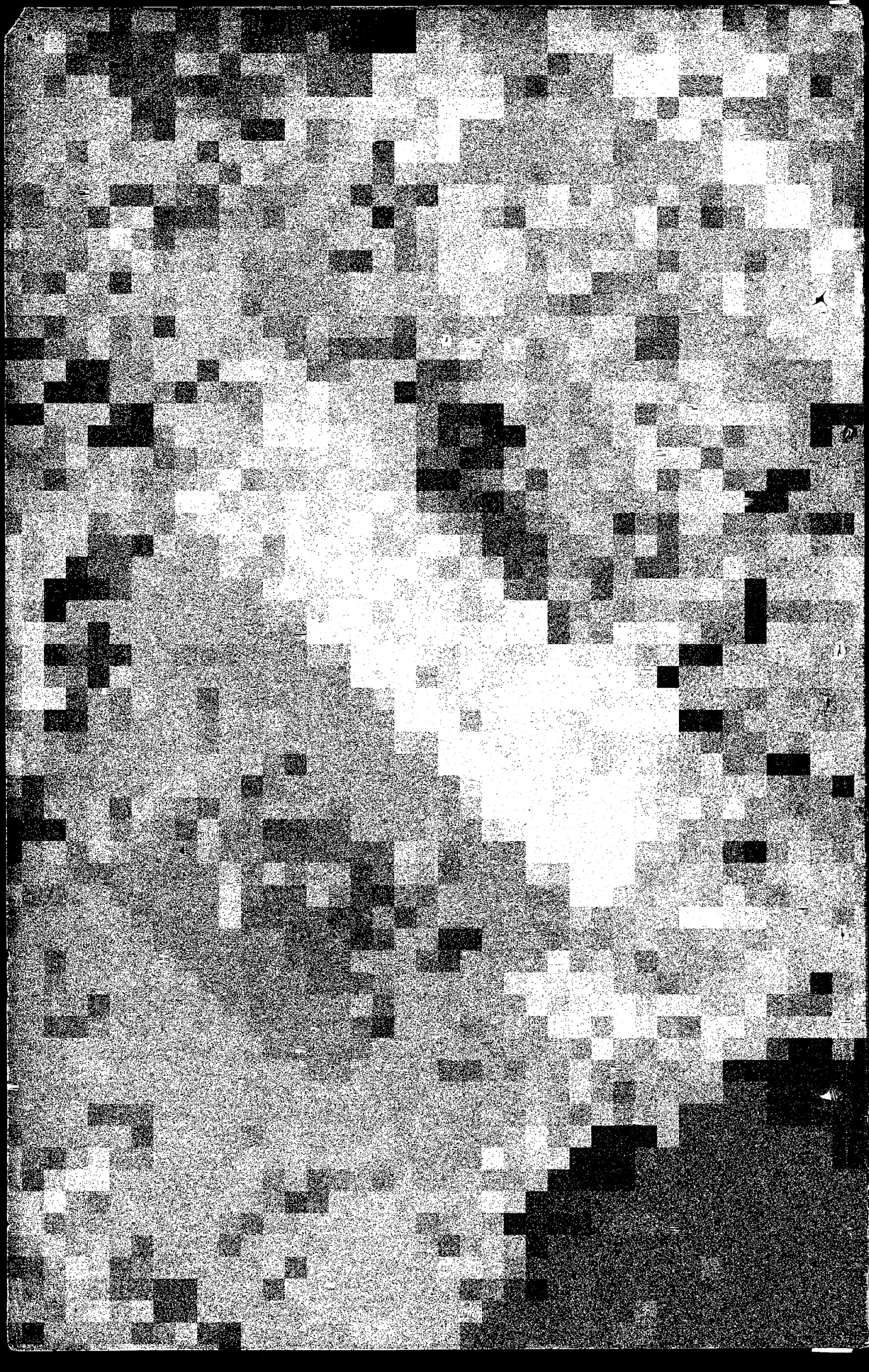
HONGKONG

1900



Rainfall, black line.

Bubonic Fever Cases, red line.

FRANCIS W. CLARK,

Medical Officer of Health.